Release Notes
System Software 2.4.1.1

1 Release 2.4.1.1

1.1 Note
This version is only available for the W2022ac/W2022ac-ext devices.

1.2 New Features

- **802.11r (Fast BSS Transition):** 802.11r enables an uninterrupted connection even with strongly encrypted WLAN networks when the WLAN client switches from one access point to another. The function can be configured via the GUI of the access point or via the WLAN Controller (with release 10.2.8 or later of the WLAN Controller).
- **Client Management 802.11k/v:** 802.11k/v exchanges information between WLAN client and WLAN access point and uses this information to control the load distribution between several access points more efficiently. The function can be configured via the GUI of the access point or via the WLAN controller (with release 10.2.8 or later of the WLAN controller).
- **U-APSD (Unscheduled Automatic Power Save Delivery):** This function can switch end devices (e.g. Voice over WLAN phones) into power save mode. The function can be configured via the GUI of the access point or via the WLAN controller.
- **Stronger encryption algorithms** such as AES-256 can now be configured via the GUI of the access point or via the WLAN controller (with release 10.2.8 or later of the WLAN controller).
- **Extended configuration options via the WLAN controller:** As of WLAN Controller release 10.2.8, all WPA3 settings (WPA3-SAE, WPA2/3, WPA3-Enterprise, WPA2/3-Enterprise, OWE, OWE-Transition) can also be configured via the WLAN Controller.
- Numerous security updates

1.3 Changes

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1.4 Error corrections

- The speed of configuration rollout via the WLAN controller has been significantly improved.
- All (max. 8) SSIDs can now be rolled out via the WLAN controller.
- **ER#4376:** SSIDs that contained an apostrophe were not rolled out via the WLAN controller.
- **ER#3865:** It was not possible to assign a VLAN ID via the GUI of the access point when the language "German" or "Spanish" was selected.

1.5 Known issues

- **Unwanted error message:** In the menu **LAN > IP Configuration** the error message *Alert: vyos_meta.cpp-306: vyos type (interface) not supported yet* is displayed under certain circumstances when calling the page. The warning is not relevant for operation.

- **Management via be.SDx:** If an access point is to be managed via **be.SDx**, Release 2.4.2.1 or higher is required. If a release older than 2.4.1.1 is installed on the access point, it is necessary to install release 2.4.1.1 before updating to 2.4.2.1 or higher.